Index of Claims 10517448 Examiner JEFFREY NICKERSON Applicant(s)/Patent Under Reexamination PEDERSEN ET AL. Art Unit 2142

✓	Rejected	-	Cancelled	N	Non-Elected	Α	Appeal
=	Allowed	÷	Restricted	I	Interference	0	Objected

Final Original 12/18/2007 05/05/2008	Original 12/18/2007 05/05/2008	CLAIM			DATE							
1 - - 2 - - 3 - - 4 - - 5 - - 6 - - 7 - - 8 - - 9 - - 10 - - 11 - - 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 \forall \	1 - - 2 - - 3 - - 4 - - 5 - - 6 - - 7 - - 8 - - 9 - - 10 - - 11 - - 12 - - 13 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 28 ✓ ✓ 30 ✓ ✓ 30 ✓ ✓			12/18/2007	05/05/2008							Τ
2	2			†	t							
3	3				<u> </u>							
4 - - 5 - - 6 - - 7 - - 8 - - 9 - - 10 - - 11 - - 12 - - 13 - - 13 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 \forall \times \time	4 - - 5 - - 6 - - 7 - - 8 - - 9 - - 10 - - 11 - - 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 28 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓			_	-							
5 - - 6 - - 7 - - 8 - - 9 - - 10 - - 11 - - 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 19 - - 20 \forall	5 - - 6 - - 7 - - 8 - - 9 - - 10 - - 11 - - 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 \forall \			_	-							
7 - - 8 - - 10 - - 11 - - 11 - - 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓ 33 ✓ ✓	7 - - 8 - - 9 - - 10 - - 11 - - 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 \forall \times \time			-	-							
8 - - 9 - - 110 - - 111 - - 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓ 32 ✓ ✓	8 - - 9 - - 10 - - 11 - - 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 \forall \tau \tau \tau \tau \tau \tau \tau \tau		6	-	-							
9	9		7	-	-							
10 - - 11 - - 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 \forall \tau \tau \tau \tau \tau \tau \tau \tau	10 - - 11 - - 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓		8	-	-							
11 - - 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓ 32 ✓ ✓	11 - - 12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 \(\forall \) \(\forall \) \(\forall \) 21 \(\forall \) \(\forall \) \(\forall \) 23 \(\forall \) \(\forall \) \(\forall \) 24 \(\forall \) \(\forall \) \(\forall \) 25 \(\forall \) \(\forall \) \(\forall \) 26 \(\forall \) \(\forall \) \(\forall \) 27 \(\forall \) \(\forall \) \(\forall \) 28 \(\forall \) \(\forall \) \(\forall \) 30 \(\forall \) \(\forall \) \(\forall \) 31 \(\forall \) \(\forall \) \(\forall \)		9	-	-							
12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓ 33 ✓ ✓	12 - - 13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 - - 21 - - 22 - - 23 - - 24 - - 25 - - 26 - - 27 - - 28 - - 30 - - 30 - - 31 - -		10	-	-							
13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓ 32 ✓ ✓	13 - - 14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓		11	-	-							
14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓ 32 ✓ ✓	14 - - 15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓		12	-	-							
15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓ 32 ✓ ✓	15 - - 16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓		13	-	-							
16 - - 17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓ 32 ✓ ✓ 33 ✓ ✓	16 - - 17 - - 18 - - 19 - - 20 \(\forall \) \(\f		14	-	-							
17 - - 18 - - 19 - - 20 \(\forall \) \(\forall \) 21 \(\forall \) \(\forall \) 22 \(\forall \) \(\forall \) 23 \(\forall \) \(\forall \) 24 \(\forall \) \(\forall \) 25 \(\forall \) \(\forall \) 26 \(\forall \) \(\forall \) 27 \(\forall \) \(\forall \) 28 \(\forall \) \(\forall \) 29 \(\forall \) \(\forall \) 30 \(\forall \) \(\forall \) 31 \(\forall \) \(\forall \) 33 \(\forall \) \(\forall \)	17 - - 18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓		15	-	-							
18 - - 19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓ 32 ✓ ✓ 33 ✓ ✓	18 - - 19 - - 20 \(\forall \) \(\forall \) 21 \(\forall \) \(\forall \) 22 \(\forall \) \(\forall \) 23 \(\forall \) \(\forall \) 24 \(\forall \) \(\forall \) 25 \(\forall \) \(\forall \) 26 \(\forall \) \(\forall \) 27 \(\forall \) \(\forall \) 28 \(\forall \) \(\forall \) 29 \(\forall \) \(\forall \) 30 \(\forall \) \(\forall \) 31 \(\forall \) \(\forall \)		16	-	-							
19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓ 32 ✓ ✓ 33 ✓ ✓	19 - - 20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓		17	-	-							
20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓ 32 ✓ ✓ 33 ✓ ✓	20 ✓ ✓ 21 ✓ ✓ 22 ✓ ✓ 23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓		18	-	-							
21	21		19	-	-							
22	22		20	✓	✓							
23 ✓ ✓ 24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓ 32 ✓ ✓ 33 ✓ ✓	23			✓	✓							
24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓ 32 ✓ ✓ 33 ✓ ✓	24 ✓ ✓ 25 ✓ ✓ 26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓		22	✓	✓							
25	25		23	✓	✓							
26 ✓ ✓ 27 ✓ ✓ 28 ✓ ✓ 29 ✓ ✓ 30 ✓ ✓ 31 ✓ ✓ 32 ✓ ✓ 33 ✓ ✓	26		24	✓	✓							
27	27			✓								
28	28				1							
29	29											
30	30			✓	✓							
31	31 🗸 🗸											
32												
33 🗸 🗸	32 ✓ ✓			√	√							
				✓	✓							
34	34 🗸 🗸			✓	✓							

Index of Claims 10517448 Examiner JEFFREY NICKERSON Applicant(s)/Patent Under Reexamination PEDERSEN ET AL. Art Unit 2142

✓	Rejected	-	Cancelled	N	Non-Elected	Α	Appeal
=	Allowed	÷	Restricted	I	Interference	0	Objected

CL	ΔIM			DATE		
Final		12/10/2007	05/05/2008			1
-inai	Original	12/18/2007	√ √			
	37 38	✓				
		V	-			
	39		√			
	40		√			
	41		√			
	42		√			
	43		√			
	44		✓			
	45		✓			
	46		✓			
	47		✓			
	48		✓			
	49		✓			
	50		✓			
	51		✓			
	52		✓			
	53		✓			
	54		✓			
	55		✓			
	56		✓			
	57		✓			
	58		✓			
	59		√			
	60		√			
	61		✓			
	62		√			
	63		√			
	64		√			+
	65		√			1
	66		√			
	67		·			+
	68		·			+
	69		· ·			
	70		· ·			-
	70	1	√			+

	Application/Control No.	Applicant(s)/Patent Under Reexamination
Index of Claims	10517448	PEDERSEN ET AL.
	Examiner	Art Unit
	JEFFREY NICKERSON	2142

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
-	Interference

Α	Appeal
0	Objected

U.S. Patent and Trademark Office Part of Paper No.: 20080501